

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## Application of

Applicant(s)

: Ridgway et al

Serial No.

: 10/658,218

Filed

: September 9, 2003

Title

: ELECTROOPTIC MODULATORS AND WAVEGUIDE DEVICES

INCORPORATING THE SAME

Docket

: OPI 0008 PA/41004.16

Confirm. No.: 2716

Art Unit

: 2874

Mail Stop Amendment Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

## CERTIFICATE OF MAILING

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Reg. No. 39,564

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §§ 1.56, 1.97, AND 1.98

Applicants submit herewith patents, publications, and other information of which they are aware, which they believe may be material, as defined in 37 CFR §1.56(b), to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR §1.56(a). While the information referred to in this Supplemental Information Disclosure Statement may be material pursuant to 37 CFR §1.56(b), the filing of this Supplemental Information Disclosure Statement is not intended to, pursuant to 37 CFR §1.97(h), constitute an admission that any patent, publication, or other information referred to is, or is considered to be, material to the patentability of this invention. No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103, and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish otherwise. Further, pursuant to 37 CFR §1.97(g), the filing of this Statement should not be construed as a statement that a search has been made or that no other material information exists.

PE CONTROL 10/658,218
Docket OPI 0008 PA/41004.16

This Information Disclosure Statement is being filed within the period set forth in 37 CFR §1.97(b) because it is believed to be filed before the mailing date of a first office action on the merits.

The undersigned attorney certifies that each item of information contained in this Supplemental Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

The Office has waived the requirement pursuant to 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 USC § 371 after June 30, 2003. Therefore, no copies of each cited U.S. patent and each cited U.S. patent application publication are enclosed, but the cited U.S. patents and the cited U.S. patent application publications are listed on PTO/SB/08A. Also enclosed is a copy of the PCT International Search Report dated July 22, 2004.

Respectfully submitted, DINSMORE & SHOHL LLP

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JEB/AMS Encls.

PTO/SB/08A (08-03)

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**Examiner Name** 

INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

Complete if Known **Application Number** 10/658,218 Filing Date September 9, 2003 First Named Inventor Richard W. Ridgway Art Unit

(Use as many sheets as necessary)

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Attorney Docket Number OPI 0008 PA/41004.16 Sheet

Examiner	Cite	Document Number	Publication Date	DOCUMENTS  Name of Patentee or	Pages, Columns, Lines, Where
Initials* No	No.1	Number-Kind Code <sup>2 (if known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
		<sup>US-</sup> 2003/0026572	2-6-2003	Ridgway et al	
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		FOREIG	GN PATENT DOC	JMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T <sub>6</sub>
_		JP 2000249994 (abstract) and	9-14-2000	Fujitsu Ltd.		
		corresponding US 2003/0091259	5-15-2003	Ooi et al		
		EP 0 444 688 A2	9-4-1991	Fujitsu Ltd.		
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		EP 0 987 580 A	3-22-2000	Akzo Nobel N.V.		

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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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aperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known for form 1449/PTO **Application Number** 10/658,218 INFORMATION DISCLOSURE Filing Date September 9, 2003 STATEMENT BY APPLICANT **First Named Inventor** Richard W. Ridgway Art Unit 2874 (Use as many sheets as necessary) **Examiner Name** Attorney Docket Number Sheet 2 2 OPI 0008 PA/41004.16 of

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	The state of the s		T <sup>2</sup>
		SHIY ET AL: "Low halfwave voltage electrooptic polymer modulators: design and fabrication", PROCEEDINGS OF THE SPIE - International Society for Optical Engineering, USA, Vol, 3796, July 1999, pgs. 336-344.	
		TENG C C: "Traveling-wave polymeric optical intensity modulator with more than 40 GHZ of 3-DB electrical bandwidth", Applied Physics Letters, American Institute of Physics, New York, US, Vol. 60, No. 13, 30 March 1992, pgs. 1538-1540.	
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Examiner	Date	
Signature	Considered	

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<sup>1</sup> Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.